

MARY ANN PRITCHARD
DIRECTOR



MARY FALLIN
GOVERNOR

STATE OF OKLAHOMA
DEPARTMENT OF MINES

February 14, 2018

To All Non-Mining Blasting Permittees and Blasters:

RE: Emergency Blast Plans Guidelines

There has been some confusion lately on the requirements and processes of reviewing and approving Emergency Blasting Plans. The Department of Mines (ODM) would like to clarify the requirements and process for approving Emergency Blast Plans. While ODM rules do not specifically reference the definition of an emergency plan, Rule 460:25-13-17 (b) states, *"The blasting plan shall be submitted to the department at least seven days before the blast or 48 hours after the blast in emergency situations."* Obviously, an "emergency" submission requests ODM to waive the seven day requirement. The first review requirement will be for ODM to determine if an emergency situation existed. Submission of an Emergency Plan should not be utilized just to bypass the seven day requirement.

As indicated, blast plans, by law, may be submitted within 48 hours after the blast in emergency situations. However, ODM would like to have your Emergency Blast Plan 48 hours prior to the blast, if possible. All plans are subject to review and/or audit, both pre- and post- blast. Our objective, as yours, is to ensure that the citizenry of Oklahoma and their property are protected from harm and damage.

Blasting plans are required by Rule 460:25-13-17, which sets minimum information required. Due to the blasting standards set by rule, detailed information is needed on the plan to assist in review and compliance determination. Maps are needed to determine structure distances from the blast and distances to utilities to ascertain if interruption of services could occur. Additional information may be needed depending on the location and complexity of the shot. ODM has created a separate, clearly marked "Emergency Blasting Plan" form (enclosed) which is to be used for emergency submittals. The blasting plan must be completed in full and include map(s) showing distance to closest structure and utilities. GPS locations are required when describing the location(s) of the blasting area and location of closest structure and utilities to verify the distances. Additionally, in the blast plan there is a specific section for this information.

The blasting recording requirements for an emergency blasting situation are found at 460:25-13-22. If submission of the Emergency Plan is within the 48 hours after the blast, the record of the blast must accompany the plan. Please find a check sheet (enclosed) to assist with an emergency plan submission.

Submitting a complete and detailed plan, covering all required elements, will ensure a timely review and approval process. When ODM receives an Emergency Blasting Plan, it will receive immediate review from Department personnel. Once all the information is received and considered adequate, the approval can be executed within 24 hours.

If you have any questions or concerns regarding this matter, please do not hesitate to contact our office.

STATE OF OKLAHOMA
DEPARTMENT OF MINES

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EMERGENCY BLASTING PLAN
For Non-Mining Blasting

Date: _____

Blasting Permit Number: _____ Job Number/Name: _____

Corporation/Business Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Location: _____

County: _____ Nearest Town: _____

Start Date of **Emergency Blasting** Job: _____ (**Expires 48 hours from issuance/approval date**). If there is a need for further approval, please file a request for extension via email or fax. If the specific job needs approval beyond an emergency plan, then a regular Blasting Plan needs to be filed along with the Emergency Plan.

Certified Blaster: _____ Blaster's State #: _____

Substitute Blaster: _____ Blaster's State #: _____

General: Under emergency conditions the plan shall be submitted within 48 hours before or not later than 48 hours after a blast, with full documentation. See OAC 460:25-13-17(b). All blasting activities shall be conducted under the direction of a certified blaster in accordance with all state and federal laws and regulations concerning the use of explosives.

If submission of the Emergency Plan is within the 48 hours after the blast, the record of the blast must accompany the plan.

Time of Blasting:

All blasting shall be conducted between sunrise and sunset pursuant to OAC 460:25-13-18(a). It is ODM's intent that blasting shall be conducted to prevent injury to any person or damage to any property. It is also ODM's intent to enforce all regulations set forth under OAC 460:25 of the Oklahoma Explosives and Blasting Regulations.

Blasting Plan:

Each permitted blasting operation shall be conducted pursuant to a blasting plan and the blasting plan shall include, at a minimum, the following information (Attach additional sheets as needed):

1. Plan must contain a detailed description of the blasting project. What results are desired?
2. Describe the location(s) of the blasting area. GPS locations are required. Include legible general and vicinity maps.
3. Describe the potential impacts to the area surrounding the blast site.
4. List the types and appropriate amounts of explosives to be used for each type of blasting operation to be conducted.
5. Provide a description of the procedures and plans for recording and retention of information during blasting. Locations of any seismographs used during blasting must be included.
6. Provide a description of blasting warning and site access control equipment and procedures.

7. List all buildings on the proposed blast area and adjacent area and indicate their current use, direction, and distance from the initial blast:

Building	Use	Direction from blast	Distance from blast	GPS Location

- (A) Indicate which of the following structures and/or easements for such structures are located within the proposed permit area:

Structure and/or Easement	✓
Electric transmission lines	
Gas or oil pipelines	
Water or sewer pipelines	
Oil, gas, or water wells	
Railroads	
Telephone cables or lines	

- (B) Provide GPS coordinates and show the location of all structures indicated above on Location Map.

- (C) Describe the measures to be taken to minimize damage, destruction, or disruption of services provided by any of the above structures.

In compliance with the Oklahoma Explosives and Blasting Regulations, the attached Blasting Plan is submitted.

I, the undersigned, under penalty of perjury, declare the information in this document and any attachments signed, in accordance with the Oklahoma Explosives and Blasting Regulations, is true and correct to the best of my knowledge and belief.

Print name of Blaster

Date

Signature of Blaster

Emergency Blasting Plan Submittal Checklist

Company: _____

Phone: _____

Permit #: _____

Plan Element:	✓
Clearly marked "Emergency Blasting Plan"	
Blasting Plan submitted 48 hours prior to the blast.	
Blasting Plan submitted within 48 hours after the blast.	
Plan completed, in full, including:	
• Start date	
• Certified blasters	
• Map(s) showing distance to closest structure and utilities	
• GPS location when describing location of blasting area	
• GPS location of closest structure	
• GPS location of utilities	
• Request for variance, if applicable.	
• Signature of blaster and date	
• Record of the blast if the plan is submitted within 48 hours <i>after</i> the blast.	